

WHAT IS CLAIMED IS:

1. A method for saving and searching image adjusting parameter, used for an output parameter of digital image adjustment for an image capture equipment, wherein the output parameter is divided into a plurality of memory address in order, and a critical value which is selected one from maximum and minimum input parameter values in the range is saved into each of said memory addresses, and after the input image adjusting parameter is inputted, the critical value and the input parameter value is obtained by binary search comparison from half of the maximum parameter value of the corresponding memory address, and the increment or the decrement binary search comparison is repeated according to the comparison result to obtain the next comparing memory address and the critical value for the comparison until the range of critical value of the input parameter of the memory address is searched, and the numeric value of the memory address is converted directly to the output parameter value to obtain the image adjusting output parameter responsive to the input parameter value.
2. A method for saving and searching image adjusting parameter as claimed in claim 1, wherein said output parameter value is the adjusting parameter for the contrast, brightness, and gamma correction of the digital image.
3. A method for saving and searching image adjusting parameter as claimed in claim 1, wherein said input parameter value shows a many-to-one function mapping relation.
4. A method for saving and searching image adjusting parameter as claimed in claim 3, wherein said function mapping relation is an increasing and discontinuous function.
5. A method for saving and searching image adjusting parameter as

claimed in claim 3, wherein said function mapping relation is a decreasing and discontinuous function.

6. A method for saving and searching image adjusting parameter as claimed in claim 1, wherein each of said output parameter is equal to its corresponding memory address value.